

ANDROMEDA 2.0

Green Building Materials

SPICN6(LDG)-72/IH

420W | 425W | 430W



产品特性 FEATURES

- 0~+5W功率公差
0~+5W Power Tolerance
- IBC 技术无正面栅线，更好受光
IBC-No electrode to block sunlight
- 30年线性功率质保
30-year linear power warranty
- 30年的材料及工艺质保
30-year material and workmanship warranty
- 优异的弱光性能
Excellent Low Light Performance
- 隔热、隔绝噪音
Heat-proof and noise-proof
- 无电致诱导衰减及光致衰减
Anti-PID and ZERO LID
- 优异的功率温度系数
Excellent Temperature Coefficient



国家电投集团

国家电投集团在2022年财富世界500强中排名中位列第260位，是一家大型的综合能源企业，在全球范围内持有包括水电、火电、核电、光伏、风电等资产，总计超过200GW(截至2022年底)，其中光伏电站持有量超过53GW，连续多年全球第一。

About SPIC Group

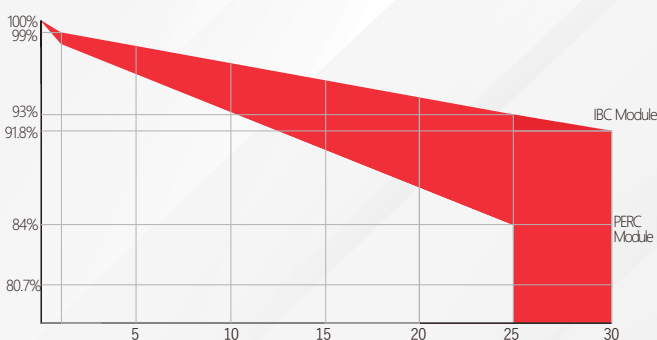
State Power Investment Corporation (SPIC)- FORTUNE GLOBAL 500 company, one of the integrated energy group in China that holds assets of hydropower, thermal power, nuclear power and new energy simultaneously. Hold and operate over 53GW photovoltaic projects, ranking first in the world (As of end 2022).



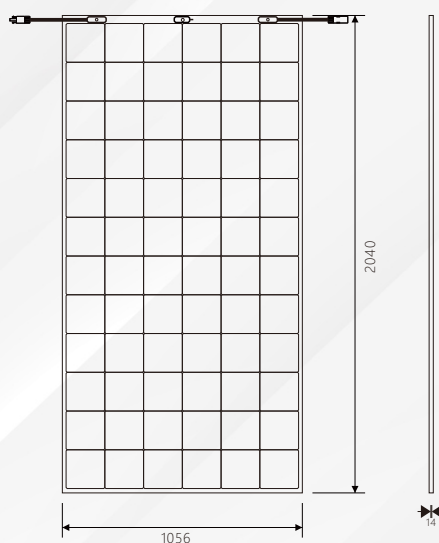
Electrical Parameters

组件型号 Module Type	SPICN6(LAR)-72-420/IH		SPICN6(LAR)-72-425/IH		SPICN6(LAR)-72-430/IH	
	STC	NOCT	STC	NOCT	STC	NOCT
峰值功率 Maximum Power (Pmax/W)	420	319	425	323	430	327
最大功率电压 Maximum Power Voltage (Vmp/V)	85.7	80.6	85.9	80.8	86.1	81.0
最大功率电流 Maximum Power Current (Imp/A)	4.91	3.96	4.95	4.00	5.00	4.04
开路电压 Open Circuit Voltage (Voc/V)	100.1	94.2	100.3	94.4	100.5	94.6
短路电流 Short Circuit Current (Isc/A)	5.32	4.31	5.36	4.34	5.42	4.39
组件效率 Module Efficiency	19.5%		19.7%		20.0%	

附加价值 Additional Value



组件尺寸 Dimensions(Units:mm)



机械参数 Mechanical Parameters

电池类型 Cell Type	N-IBC 166x83mm(Half-Cell)
电池数量 No. of Cells	144(6x24)
接线盒 Junction Box	IP68, 包含3个旁路二极管 Ip68 with three bypass diodes
出线 Output Cable	4mm ² , 300mm线缆含MC4 (可定制长度) 4mm ² , 300mm with MC4 (Length can be customized)
组件玻璃 Glass	6.0+6.0mm钢化玻璃 6.0+6.0mm tempered glass
组件尺寸 Dimension	2040x1056x14mm
组件重量 Weight	70 ± 0.5kg

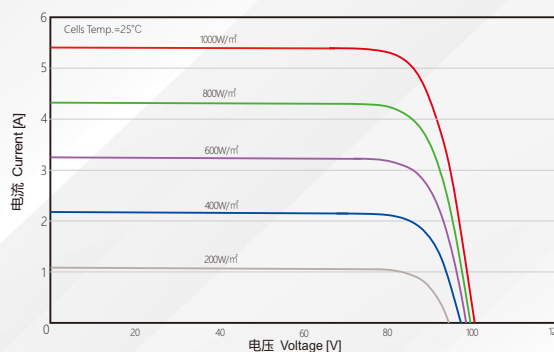
运行状况 Operating Conditions

最大系统电压 Maximum System Voltage	1500V DC(IEC)
最大额定电流 Maximum Rated Current	12A
运行温度 Operational Temperature	-40~+85°C
正面机械载荷 Mechanical Test Load (Front)	5400Pa
背面拆卸载荷 Mechanical Test Load (Rear)	2400Pa

温度系数 Temperature Characteristics (STC)

Pmax	%/°C	-0.290
Voc	%/°C	-0.246
Isc	%/°C	+0.046

电流-电压曲线 I-V Curves(430W)



包装信息 Packaging Configuration

每托组件数 No. of Modules Per Pallet	EA	13
40ft高柜包含托数 No. of Pallets Per 40ft HQ container	EA	27
40ft高柜包含组件数 No. of Modules Per 40ft HQ container	EA	351



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